

ANA CHENNER

OUR SIXTY SECOND YEAR

C. Preston, Editor. 783-9923.

Wm. Lueth W9AI
Publisher

Meetings: 2nd. and 4th. Fridays, each Month.

Newsletter #8

U. C. Missions Bldg.

Burnham Hall.

222 S. Downey Ave.

8:00 P. M.

MEETING: October 12, 1979.

Karl Learner II, K9PVW will present an update on Phase IIIA- The next Oscar. Be ready for the new AMSAT - Oscar next March. Karl will discuss the new series of Spacecraft, the new elliptical orbit and how you can work DX for several hours a day. Slides, information and handouts with AMSAT Area Coordinator for Indiana. DON'T MISS THIS ONE.

PROGRAM REVIEW The meeting of Sept. 14th. brought out 34 interested ama-

teurs fresh from a summer's vacation and ready for another season of amateur radio. Pres. Harold Trosper, W9NGS called the meeting to order and members were asked to comment on their activities since the last meeting. There was some discussion about the activities of various individuals. On a show of hands, there were six extra class operators present. Under new business a letter was read to be sent to Don Miller, W9NTP, informing him of the action of the Board to make him an honorary member of the club. Gene VanSickle announced that he was taking a trip to the Marble Hill nuclear power plant and would report on any questions that might be raised at the next meeting. -- This was followed by a most interesting film, showing the high-lights of the manufacturing of Integrated circuit chips. The film covered all the the interesting factors; Design, doping, growing, baking and slicing of the wafers. The placing of the connections became very intricate on the smaller chips. However, the really tiny chips were very hard to see, what was really going on. Maybe we should take another look at this one.--- The meeting of Sept. 28th. was another well attended affair with 29 members and guests signing the attendance book. A short business meeting was held, then Alvey W9EL introduced the speaker of the evening, our own club member Tony Piccolo, WD9GCJ, who is now working for Texscan, a local electronics firm. Tony has a very interesting background in amateur radio having started in Italy with the call I8PYH. When he came to this country he took his Novice exam for code at the Indpls Radio Club. Later on he attended the Red Cross School. Tony expressed his appreciation of this help very nicely before starting his demonstration. Tony's subject was RF Filters, the design and manufacture of these with emphasis on the ultra high frequencies, Tony was well prepared for his subject using a sweep generator, a spectrum analyzer and a scope to illustrate each point as he explained the various filters. Since these were all very high frequencies, the filters required very minute adjustments to put them on the desired resonant frequency. The filters themselves were long tubular in shape with elements set up inside as capacitors and coils. On the surface of the brass tubes were thin slots thru which a pick or small driver could be inserted and the spacing of the coil windings could be changed. Tony quickly dispelled any doubt of the effectiveness of this method by producing the correct results on the scope without much waste of time. Tony accompanied the demonstration with the theoretical formulae on the blackboard. He pointed out that the formulae was the same basic ones we had to use to pass our FCC exams. RF filters are big in amateur radio at the present time and he had no trouble holding the attention of those present until the end of a very interesting evening.

October 1979.

ANNOUNCEMENTS for OCTOBER The Awards Dinner is not far away, so be thinking of your choice for amateur of the year. Alvey announced that the dinner will be held at the same place as last year, The Heritage House US 31 South and Thompson Road. 6:30 PM. (Dinner at 7:00 PM. Get your reservations in now.--- By the time you read this newsletter the SET exercises and the Canoe race activities will be over, but we will try to give you the full report in the next newsletter.

ATV MEETING There will be an ATV meeting, Saturday Oct. 13th. at 7:30 PM at the Ft. Harrison Recreation Center. A great program has been lined up. Henry Ruh will show video tapes of ATV activity taken from his aeronautical ATV station as well as tapes and reports of the Bloomington ATV repeater. There will be an update on the ATV weather beacon which will be in operation by then. There are also many other subjects to be discussed, too numerous to be listed here.

REPORT -- Gene VanSickle, W9KJF made a trip to the Marble Hill Nuclear power plant at Madison, Ind, as guest of the Indiana Electric League, he distributed a full report to all members who were present at the last meeting. This was really fascinating reading to anyone interested in current power situation. Gene really sent us a thorough report.

PERSONAL NOTES: --- Among the guests at the Sept 28th meeting were Al Wessel W6SAT/W9HEX from Calif and his brother in law Ray Thie from New Palestine. Both were guests of Hal Trospen. Al was a former Indpls Ham who knew many of the old timers in the club. He had many interesting comments about ham operation in California. --- Ron Williams., W9JVF has been on a short vacation trip to visit his daughter Carol in Norfolk Va. But the occasion was to see his youngest grandson Danny Babcock born Aug 17th. The father is on duty with the Navy at Norfolk. Ron took the opportunity to work a little DX across the Atlantic Ocean.

YE EDITOR -- Charlie Preston has a new address and telephone number since Sept. 25th. and has'nt got settled down as yet. Hope to be on the air again in the near future. Now residing at 322 E. Pleasant Run Pkwy. North Drive Zip is 46225, Telephone Nr. 783-9923. Apt #1010.

FOR SALE

Hammarlund HQ-110--Johnson Viking II Transmitter output 130 Watts CW, 100 Watts phone. VFO. Relay Speaker and Mike. All in good operating condition. A fine beginners rig. Call Charlie Nonnier WD9HVS at 515-5146

NCX-5 Transciever. 5 band SSB, CW, Am with VFO. sepearte power supply asking \$270.00 or best offer. Call Bill Phillips K3DZG, 849-0817 QTH 11406 Hartford Lane, Noblesville, Ind. 46060.

MEETING OF OCTOBER 26, 1979.

ANNUAL AWARDS PRESENTATION AND DINNER HERITAGE HOUSE 7:30 PM.

US. 31 South and Thompson Rd. -- An interesting speaker and subject and the presentation of the variuos awards and a fine dinner will make this an evening to remember --- Please call Alvey Pittman at 291-9252 for details and .reservations before the deadline of October 24th.

SEE YOU THERE.